

# SPECIFICATIONS

## Frequency Coverage

66.000-88.000 .....	5 kHz steps (FM)
118.000-136.9916 MHz .....	8.333 kHz steps (AM)
137.000-174.000 MHz .....	12.5 kHz steps (FM)
380.000-512.000 MHz .....	12.5 kHz steps (FM)

Channels of Operation ..... 200 channels

## Sensitivity (20 dB S/N):

66-88 MHz .....	0.5 $\mu$ V
118-136.9916 .....	1 $\mu$ V
137-174 MHz .....	0.5 $\mu$ V
380-512 MHz .....	0.7 $\mu$ V

Spurious Rejection (FM @ 154 MHz) ..... 50 dB

## Selectivity:

+/-10 kHz .....	-6 dB
+/-18 kHz .....	-50 dB

Search Speed ..... Up to 50 Steps/Sec

Scan Speed ..... Up to 25 Channels/Sec

Delay Time ..... 2 Seconds

## IF Frequencies:

1st IF .....	10.7 MHz
2nd IF .....	455 kHz

IF Interference Ratio (10.7 MHz) ..... 70 dB at 154 MHz

## Squelch Sensitivity:

Threshold (AM/FM) .....	0.5 $\mu$ V
Tight (AM) .....	20 dB
Tight (FM) .....	25 dB

Antenna Impedance ..... 50 Ohms

Audio Output Power (10% THD) ..... 180 mW Nominal

Power Requirements ..... 6 Volts DC,  
4 AA Batteries or an adapter

Current Drain (Squelched) ..... 45 mA

Dimensions (HWD) ..... 145 x 63 x 40 mm

Weight (without antenna) ..... Approx. 220 g

GRE PSR-282 technical data  
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